

PROJECT DESCRIPTION  
GENERAL

THIS PROJECT INVOLVES A MODIFICATION TO THE A TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTION OF MD 586 (VEIRS MILL ROAD) AT ASPEN HILL ROAD IN MONTGOMERY COUNTY.

INTERSECTION OPERATION

THE EXISTING MONTGOMERY COUNTY TYPE SYSTEM CONTROLLER HOUSED IN A BASE MOUNTED CABINET SHALL BE USED AT THIS LOCATION. THE INTERSECTION WILL OPERATE IN A SEMI-ACTUATED MODE USING 4 NEMA PHASES.

SPECIAL NOTES

1. THE FOLLOWING CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. LEE STARKLOFF, ASSISTANT DISTRICT ENGINEER - TRAFFIC  
PHONE: (301) 513-7318  
MR. DENNIS MCMAHON, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION  
PHONE: (301) 513-7336  
MR. RALEIGH MEDLEY, ASSISTANT DISTRICT ENGINEER - MAINTENANCE  
PHONE: (301) 513-7304  
MR. AUGIE REBISH, UTILITY ENGINEER  
PHONE: (301) 513-7350  
MR. RICHARD L. DAFF, SR. CHIEF TRAFFIC OPERATIONS DIVISION  
PHONE: (410) 787-7630  
MR. BOBBY GONZALES, TRAFFIC ENGINEER - MONTGOMERY COUNTY TRANSPORTATION MANAGEMENT CENTER  
PHONE: (240) 777-8761

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

| CATEGORY<br>CODE NO. | DESCRIPTION | UNITS | QUANTITY |
|----------------------|-------------|-------|----------|
|                      | NONE        |       |          |

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

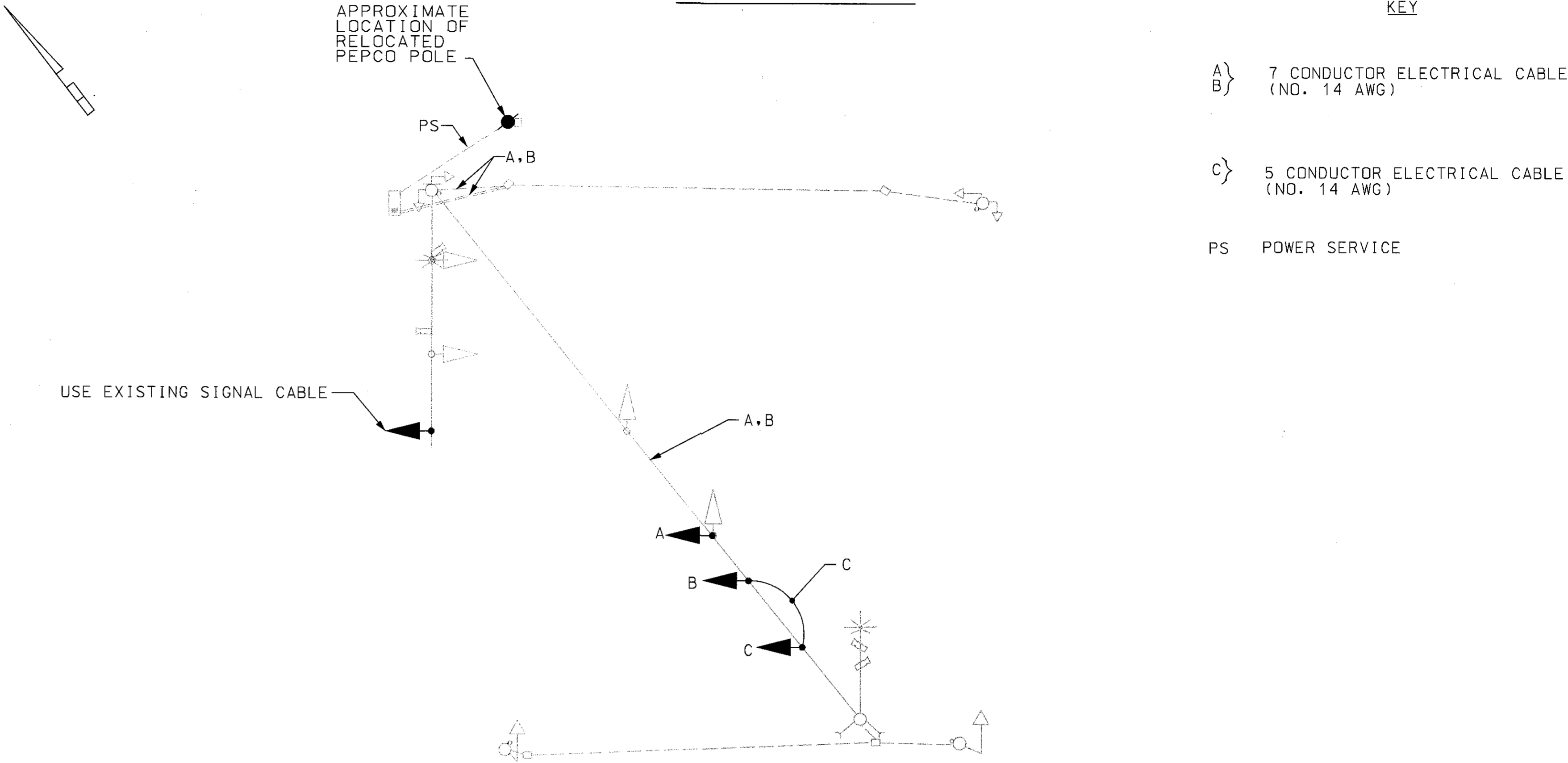
| CATEGORY<br>CODE NO. | DESCRIPTION  | UNITS | QUANTITY |
|----------------------|--|-------|----------|
| 114235               | 12 INCH WHITE REMOVABLE PREFORMED PAVEMENT MARKING | LF    | 40       |
| 114245               | 24 INCH WHITE REMOVABLE PREFORMED PAVEMENT MARKING | LF    | 40       |
| 860272               | 12 VEHICULAR TRAFFIC SIGNAL HEAD SECTION           | EA    | 12       |
| 861107               | ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)        | LF    | 25       |
| 861108               | ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 AWG)        | LF    | 400      |
| 800000               | RELOCATE SIGN ON SIGNAL STRUCTURE                  | EA    | 1        |
| 800000               | REMOVE AND DISPOSE OF EXISTING SIGNAL EQUIPMENT    | LS    | 1        |

C. MATERIALS TO BE REMOVED BY THE CONTRACTOR.

ALL MATERIALS TO BE REMOVED BY THE CONTRACTOR SHALL BECOME PROPERTY OF THE CONTRACTOR.

NONE

WIRING DIAGRAM



PHASE CHART

|                    | 1    | 2    | 3    | 4    | 5    | 6    | 7    | 8    | 9    | 10   | 13   | 14   | 11 | 12 |  |
|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|----|----|--|
|                    |      |      |      |      |      |      |      |      |      |      |      |      |    |    |  |
| PHASE 1 AND 6      | ←G←  | ←G←  | G    | G    | R    | R    | R    | R→   | DW   | DW   | DW   | DW   |    |    |  |
| 1 AND 6 CHANGE     | ←Y←  | ←Y←  | G    | G    | R    | R    | R    | R→   | DW   | DW   | DW   | DW   |    |    |  |
| PHASE 2 AND 6      | ←R←  | ←R←  | G    | G    | G    | G    | R    | R    | WK   | WK   | DW   | DW   |    |    |  |
| PED CLEARANCE      | ←R←  | ←R←  | G    | G    | G    | G    | R    | R    | FLDW | FLDW | DW   | DW   |    |    |  |
| 2 AND 6 CHANGE     | ←R←  | ←R←  | Y    | Y    | Y    | Y    | R    | R    | DW   | DW   | DW   | DW   |    |    |  |
| PHASE 4            | ←R←  | ←R←  | R    | R    | R    | R    | G    | G→   | DW   | DW   | DW   | DW   |    |    |  |
| 4 CHANGE           | ←R←  | ←R←  | R    | R    | R    | R    | Y    | G→   | DW   | DW   | DW   | DW   |    |    |  |
| PHASE 4 ALT        | ←R←  | ←R←  | R    | R    | R    | R    | G    | G    | DW   | DW   | WK   | WK   |    |    |  |
| PED CLEARANCE      | ←R←  | ←R←  | R    | R    | R    | R    | G    | G    | DW   | DW   | FLDW | FLDW |    |    |  |
| 4 ALT CHANGE       | ←R←  | ←R←  | R    | R    | R    | R    | Y    | Y    | DW   | DW   | DW   | DW   |    |    |  |
| FLASHING OPERATION | FL/Y | FL/Y | FL/Y | FL/Y | FL/Y | FL/Y | FL/R | FL/R | DARK | DARK | DARK | DARK |    |    |  |

TSP 6

ADDENDUM No. 1  
05- - 2003  
REPLACE THIS SHEET

SABRA, WANG & ASSOCIATES, INC.  
1504 JOH AVENUE  
SUITE 160  
BALTIMORE, MD 21227  
WWW.SABRA-WANG.COM

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION  
Office of Traffic & Safety  
TRAFFIC ENGINEERING DESIGN DIVISION  
GENERAL INFORMATION PLAN  
MD 586 AT ASPEN HILL ROAD  
MOT PHASE 2

|                          |                       |                 |                     |           |
|--------------------------|-----------------------|-----------------|---------------------|-----------|
| DRAWN BY: SHAOJIA DU     | F.A.P. NO. MO8165171  | SEE TITLE SHEET | TS NO.              | SHEET NO. |
| CHECKED BY: KEITH RINKER | S.H.A. NO.            |                 |                     |           |
| SCALE: NTS               | COUNTY: MONTGOMERY    |                 | T.J.M.S. NO. F213 X |           |
| DATE: FEBRUARY 2003      | LOG MILE: 15058601.97 |                 |                     | 61 OF 80  |